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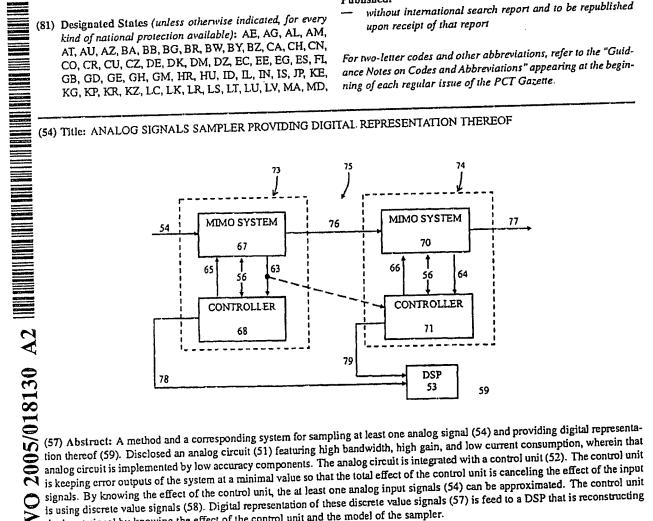
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signals. By knowing the effect of the control unit, the at least one analog input signals (54) can be approximated. The control unit is using discrete value signals (58). Digital representation of these discrete value signals (57) is feed to a DSP that is reconstructing the input signal by knowing the effect of the control unit and the model of the sampler.